

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	Aryeh BEN-YOSEF et al.	Confirmation No.:	7393
Application No:	10/566,641	Group Art Unit:	3746
Filing Date:	December 4, 2006	Examiner:	Charles Grant Freay
Title:	<b>DIAPHRAGM PUMP</b>	Attorney Docket No.:	15872.144

**AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. § 1.312**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Applicant requests that, prior to issuance of the patent, the following amendments to the claims be made.**

Please amend the above-captioned application as follows.

Pursuant to 37 C.F.R. § 1.121, a Claim Listing is set forth below.

**Amendments to the claims** begin on page 2 of this paper.

**Remarks** begin on page 4 of this paper.

No fee is believed to be due in connection with the amendments made herein. Should any fees be required, however, please charge such fees to Fennemore Craig, PC Deposit Account No. **060590**.

Entry Approved CGF 3/6/2010

### **AMENDMENTS TO THE CLAIMS**

Please replace the claims with the following amendments:

1-13. (Canceled).

14. (Currently Amended) A diaphragm pump comprising:

an electric motor;

a motor shaft, driven by said electric motor for rotation about an electric motor shaft axis;

an eccentric drive, driven by said electric motor, via said motor shaft, to provide reciprocal driving along a pump driving axis, said eccentric drive including an eccentric drive shaft rotating about an eccentric drive shaft axis, said eccentric drive shaft axis being coaxial with said electric motor shaft axis;

a non-rigid coupling interconnecting said motor shaft and said eccentric drive shaft ~~and~~;

a diaphragm pumping assembly having a fluid inlet and a fluid outlet communicating with a pumping chamber, said pumping chamber having a diaphragm arranged to be reciprocally driven about said pump driving axis; and

~~comprising~~ a flange fixed to said electric motor and a housing which houses said non-rigid coupling<sub>1</sub>[[;]]

wherein said flange comprises at least one bore and said housing comprises at least one socket, said at least one socket having a diameter larger than a diameter of an attachment bolt.

15. (Previously Presented) A diaphragm pump according to claim 14, further comprising a tightness retaining mechanism to secure said attachment bolt in said bore.

16.-22. (Canceled).

23. (Original) A method for aligning an eccentric drive shaft axis of an eccentric drive of a diaphragm pump and an electric motor shaft axis of an electric motor of said diaphragm pump comprising:

providing a non-rigid coupling;

interconnecting an eccentric drive shaft of said eccentric drive and a motor shaft of said electric motor employing said non-rigid coupling;

loosely attaching said electric motor to a housing of said eccentric drive;

operating said electric motor to coaxially align said eccentric drive shaft and said electric motor shaft; and

tightly attaching said electric motor to said housing.

24. (Original) A method according to claim 23 and wherein said operating also comprises providing an output indication that said electric motor shaft axis and said eccentric drive shaft axis are coaxially aligned.

25. (Original) A method according to claim 24 and wherein said output indication is an output of said diaphragm pump displayed on a monitoring device.

26. (Original) A method according to claim 23 and wherein said operating also comprises manually positioning at least one of said electric motor and said housing.

27. (Canceled).

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Title: "Diaphragm Pump"  
U.S. Serial No. 10/566,641

Docket No. 15872.144

**REMARKS**

Claim 14 has been amended to delete typographical errors. Thus, Applicant respectfully requests that the amendment be entered.

If there are any questions, the Examiner is invited to call Applicant's representative Rodney Fuller at (602) 916-5404 to resolve any unforeseen issues to expedite the allowance of this application.

Respectfully submitted,

March 3, 2010  
Date

/Rodney J. Fuller/  
Rodney J. Fuller (Reg. No. 46,714)

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